



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

CGI Windows and Doors, Inc.

10100 NW 25th Street

Miami, FL 33172

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Targa 7500" White PVC Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W13-20**, titled "Series 'Targa 7500' PVC Fixed Wdw. (L.M.I./S.M.I.)", sheets 1, 2, 2.1, 3 and 4 through 8 of 8, dated 05/10/13, with revision D dated 04/03/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 14-1204.07 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
7/8/27/15

NOA No. 15-0512.11
Expiration Date: February 20, 2019
Approval Date: September 03, 2015
Page 1

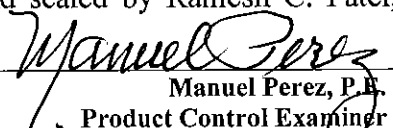
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 13-1115.05)
2. Drawing No. W13-20, titled "Series 'Targa 7500' PVC Fixed Wdw. (L.M.I./S.M.I.)", sheets 1, 2, 2.1, 3 and 4 through 8 of 8, dated 05/10/13, with revision D dated 04/03/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 7500 PVC fixed window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WA**, dated 03/03/15, signed and sealed by Ramesh C. Patel, P.E.
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 7400 PVC project out window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WB**, dated 03/03/15, signed and sealed by Ramesh C. Patel, P.E.
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 238 aluminum fixed window, to qualify DuPont "Butacite" PVB interlayer, Duraseal® and Super Spacer® insulating glass spacer, prepared by Certified Test Laboratories, Test Report No. **CTLA-3056 WC**, dated 04/16/15, signed and sealed by Ramesh C. Patel, P.E.
4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of extruded vinyl equal leg/fin/flange frame fixed windows, prepared by Element Materials Technology., Test Report No. **CTLA-3031W** dated 09/05/14, signed and sealed by Ramesh C. Patel, P.E. (Submitted under previous NOA No. 14-1204.07)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0512.11
Expiration Date: February 20, 2019
Approval Date: September 03, 2015

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

5. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of extruded vinyl equal leg./fin/flange frame fixed windows, prepared by Element Materials Technology., Test Report No. **EMT-ESP014633P**, dated 10/22/13, signed and sealed by Ramesh C. Patel, P.E.
(Submitted under NOA No. 13-1115.05)

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 10/07/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under previous NOA No. 14-1204.07)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their "**Butacite® PVB Glass Interlayer**" dated 04/25/15, expiring on 12/11/16.
3. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.
4. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.
5. Notice of Acceptance No. **13-1203.02** issued to **Deceuninck North America, LLC** for their "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/20/14, expiring on 02/19/19.


Manuel Perez, P.E.
Product Control Examiner
NOA No. **15-0512.11**
Expiration Date: February 20, 2019
Approval Date: September 03, 2015

CGI Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

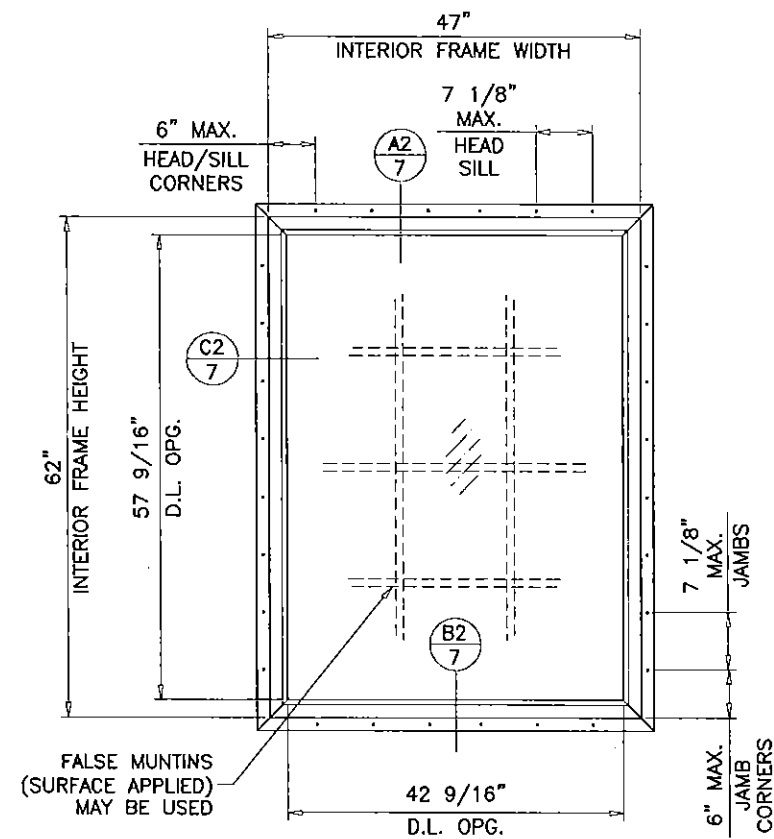
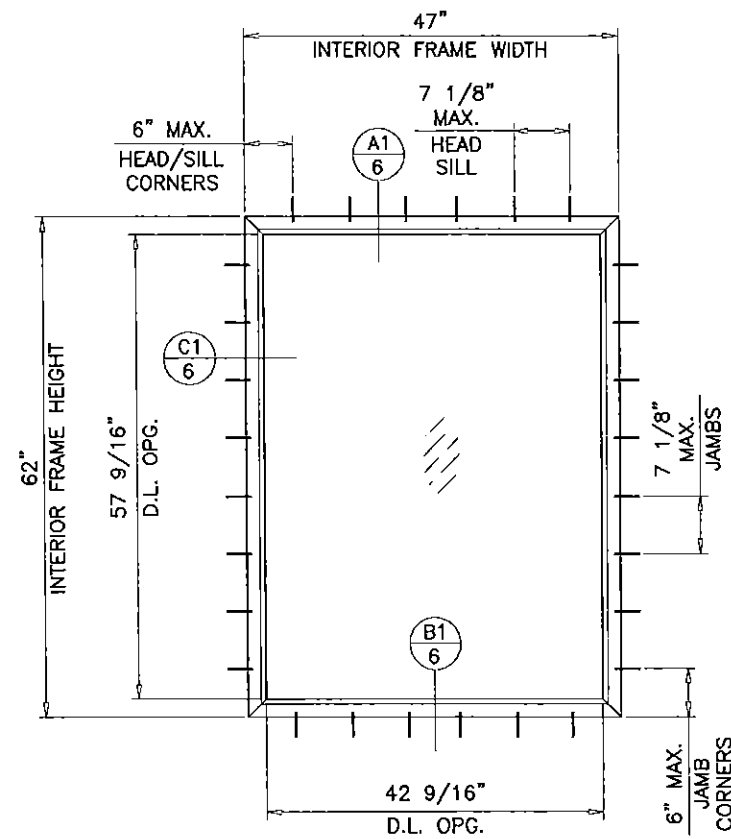
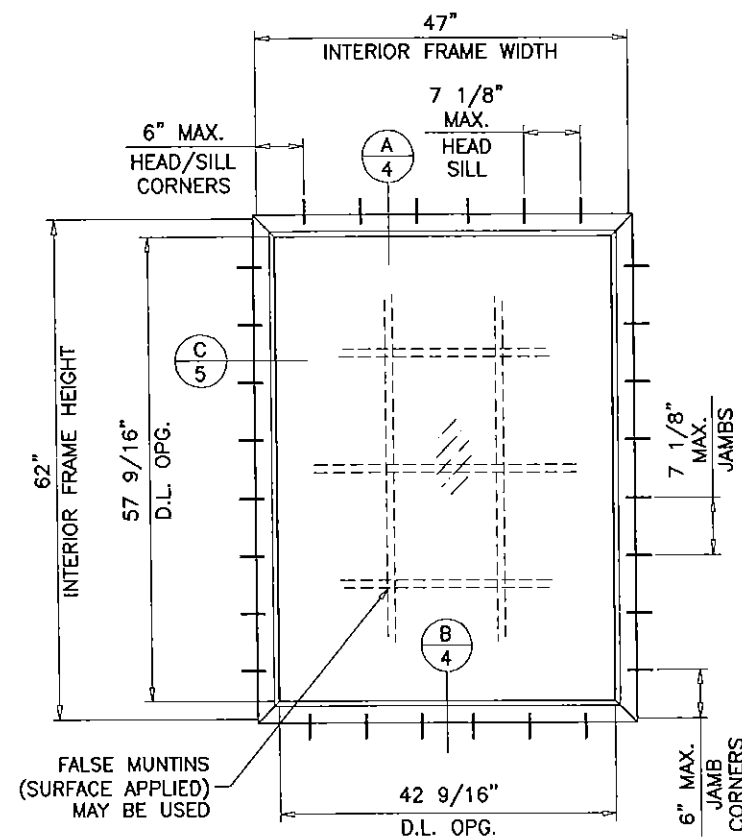
1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, and of no financial interest, dated October 8, 2014, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under previous NOA No. 14-1204.07)
2. Approved Proposal issued by Product Control Section, dated 06/10/14, signed by Jaime Gascon, P.E., Supervisor, Product Control Section.
(Submitted under previous NOA No. 14-1204.07)
3. Test Proposal for the qualification of **Butacite®** PVB glass interlayer by DuPont as well as **Duraseal®** and **Super Spacer® Standard** warm-edge flexible insulating glass spacers, dated December 16, 2014, issued by RER, Product Control Section, signed by Jaime Gascon, P.E., Supervisor, Product Control Section.

G. OTHERS

1. Notice of Acceptance No. **14-1204.07**, issued to CGI Windows & Doors, Inc. for their Series "Targa 7500" White PVC Fixed Window - L.M.I., approved on 03/26/15 and expiring on 02/20/19.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0512.11

Expiration Date: February 20, 2019
Approval Date: September 03, 2015



FLUSH FRAMES

TYPICAL ELEVATIONS

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES 'TARGA 7500'
WHITE PVC FIXED WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 2.1.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE
COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER
WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING
MIAMI-DADE COUNTY APPROVED CLIPPED MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE.

DAYLITE OPENINGS:

DLO WIDTH = INTERIOR FRAME WIDTH - 4.4375"
DLO HEIGHT = INTERIOR FRAME HEIGHT - 4.4375"

INDEX OF DRAWING	
SHEET NO.	DESCRIPTION
1	GENERAL NOTES, FLANGE, FLUSH & FIN FRAME ELEV.
2 & 2.1	WINDOWS CAPACITY CHARTS
3	GLAZING DETAILS
4 & 5	FLANGE FRAME DETAILS
6	FLUSH FRAME DETAILS
7	FIN FRAME DETAILS
8	BILL OF MATERIALS, EXTRUSION DETAILS FRAME CORNER CONSTRUCTION DETAILS

LAMINATED GLASS
INSULATING LAMINATED GLASS
LARGE & SMALL MISSILE IMPACT

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0512.11
Expiration Date Feb. 20, 2019

By Manuel Toro
Miami Dade Product Control

APR 17 2015

date: 05-10-13		revisions:	
scale: 1/2"=1'-0"		no	by
dr. by: HAM/D		A 01.20.14	REV. PER RER COMMENTS
chk. by:		B 10.09.14	GENERAL REVISION
		C 02.25.15	NO CHANGE THIS SHEET
		D 04.03.15	NO CHANGE THIS SHEET

date: 05-10-13

scale: 1/2"=1'-0"

dr. by: HAMID

chk. by:

drawing no.

W13-20

sheet 1 of 8

SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)

CGI WINDOWS & DOORS

10100 N.W. 25TH STREET
MIAMI, FL. 33172

TEL (305) 593-6590

FAX. (305) 593-6592

FAX. (305) 593-6592

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT

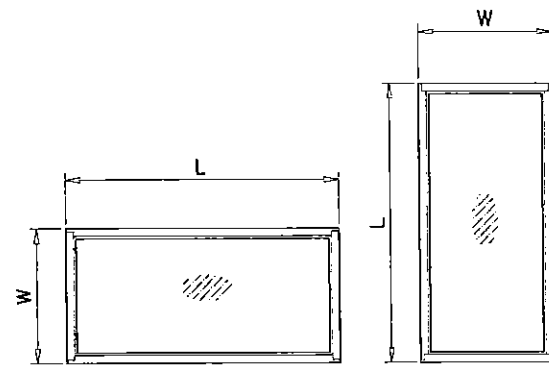
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174

TEL (305) 264-8100

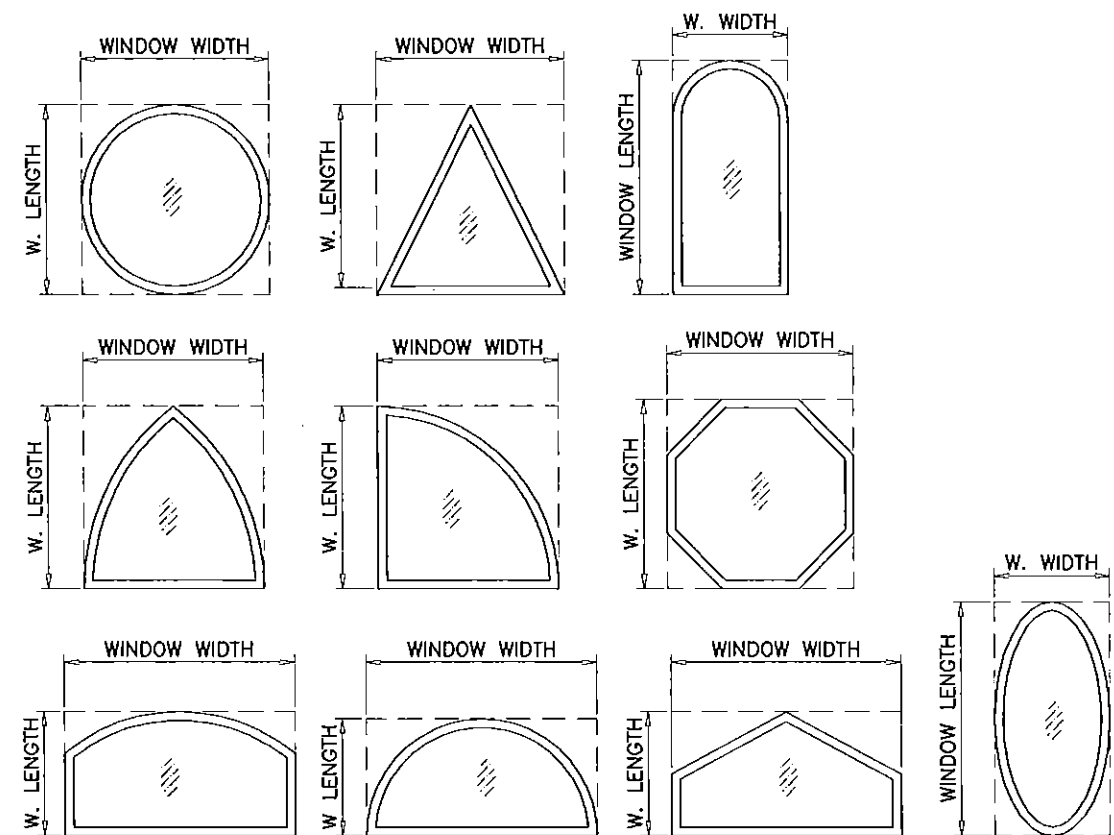
COMP-ANL\W

COMP-ANL\W13-20CGI

DESIGN LOAD CAPACITY - PSF							
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', & 'A1'		GLASS TYPES 'B', & 'B1'		GLASS TYPES 'C', & 'C1'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
18-1/8"	25"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"		50.0	50.0	80.0	80.0	-	-
18-1/8"	37-3/8"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"		50.0	50.0	80.0	80.0	-	-
18-1/8"	49-5/8"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"		50.0	50.0	75.8	75.8	-	-
18-1/8"	58"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"		-	-	-	-	72.1	72.1
18-1/8"	62"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
52-1/8"		-	-	-	-	72.1	72.1
18-1/8"	73-1/4"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
52-1/8"		-	-	-	-	72.1	72.1
18-1/8"	75"	50.0	50.0	80.0	80.0	-	-
25-1/2"		50.0	50.0	80.0	80.0	-	-
36"		50.0	50.0	80.0	80.0	-	-
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
52-1/8"		-	-	-	-	72.1	72.1

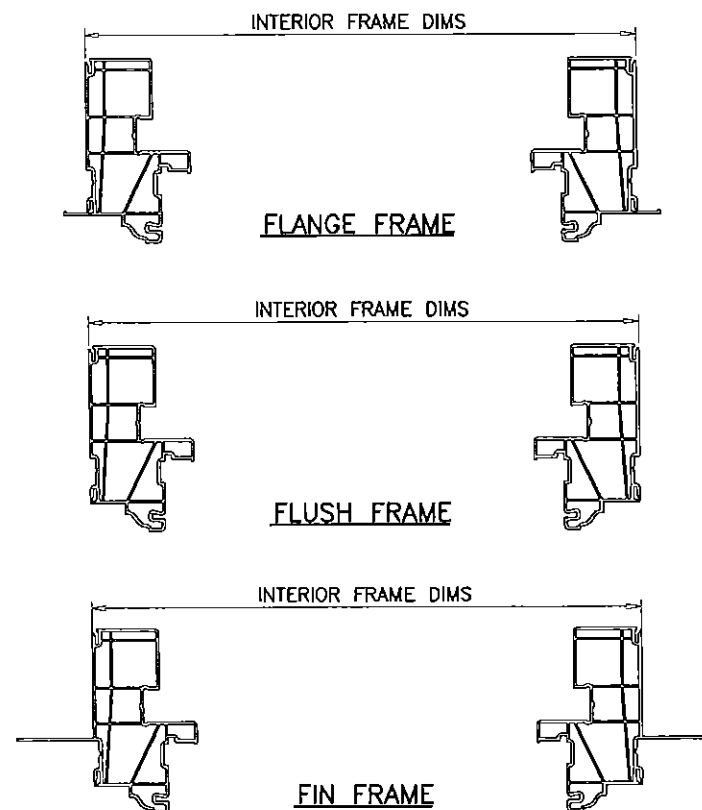


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

ANCHOR SPACING AT GEOMETRIC SHAPES:
ALL ANCHORS ARE SPACED AT
6" FROM CORNERS/WELDED JOINT ENDS
AND 7-1/8" O.C.



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3938
APR 17 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512.11
Expiration Date Feb 20, 2019
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W13-20CGI

SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

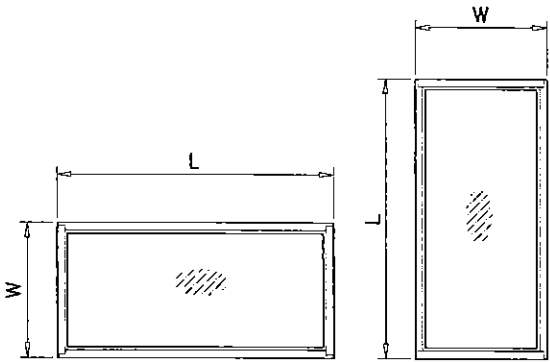
revisions:	no	date	by	description
	A	01.20.14	REV. PER COMMENTS	
	B	10.09.14	GENERAL REVISION	
	C	02.25.15	NO CHANGE THIS SHEET	
	D	04.03.15	NO CHANGE THIS SHEET	

date:	05-10-13
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

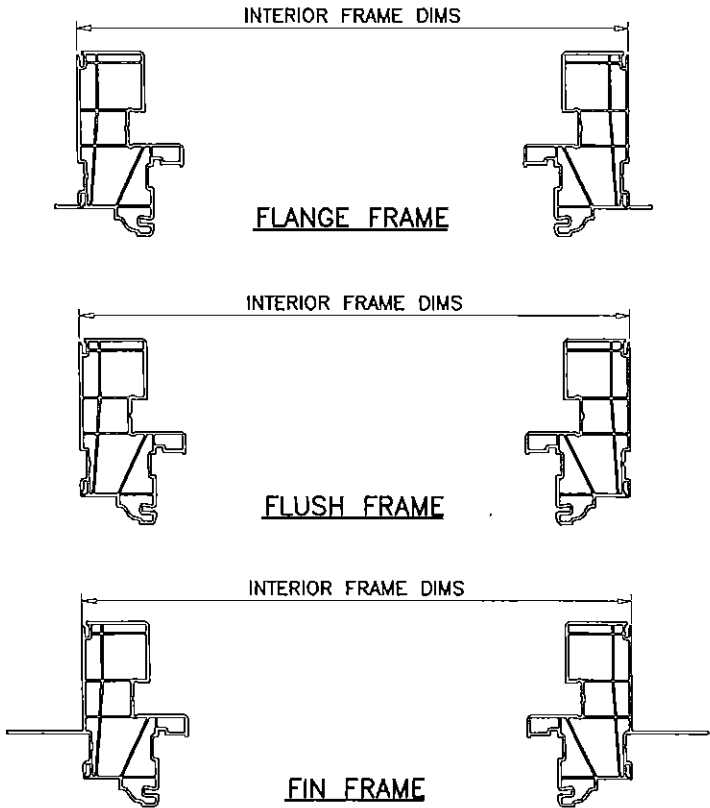
drawing no.	W13-20
sheet	2 of 8

DESIGN LOAD CAPACITY - PSF							
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', & 'A1'		GLASS TYPES 'B', & 'B1'		GLASS TYPES 'C', & 'C1'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
23"	47"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
53"		50.0	50.0	80.0	80.0	-	-
59"		50.0	50.0	80.0	80.0	-	-
23"	53"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
53"		50.0	50.0	70.9	70.9	75.0	75.0
23"	62"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		50.0	50.0	80.0	80.0	-	-
53"		-	-	-	-	70.9	70.9
59"		-	-	-	-	63.7	63.7
23"	65"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		-	-	-	-	75.0	75.0
53"		-	-	-	-	70.9	70.9
59"		-	-	-	-	63.7	63.7
23"	71"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		50.0	50.0	80.0	80.0	-	-
47"		-	-	-	-	75.0	75.0
53"		-	-	-	-	70.9	70.9
59"		-	-	-	-	63.7	63.7
23"	77"	50.0	50.0	80.0	80.0	-	-
29"		50.0	50.0	80.0	80.0	-	-
35"		50.0	50.0	80.0	80.0	-	-
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
53"		-	-	-	-	70.9	70.9
23"	83"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
53"		-	-	-	-	70.9	70.9
23"	89"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0

DESIGN LOAD CAPACITY - PSF							
INTERIOR FRAME DIMENSIONS		GLASS TYPES 'A', & 'A1'		GLASS TYPES 'B', & 'B1'		GLASS TYPES 'C', & 'C1'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
23"	95"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
47"		-	-	-	-	75.0	75.0
23"	101"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
23"	107"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
41"		-	-	-	-	75.0	75.0
23"	113"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0
23"	119"	-	-	-	-	75.0	75.0
29"		-	-	-	-	75.0	75.0
35"		-	-	-	-	75.0	75.0



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

APR 17 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512.11
Expiration Date Feb 20, 2019
By: *Manuel Saez*
Miami Trade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL\W13-20CGI

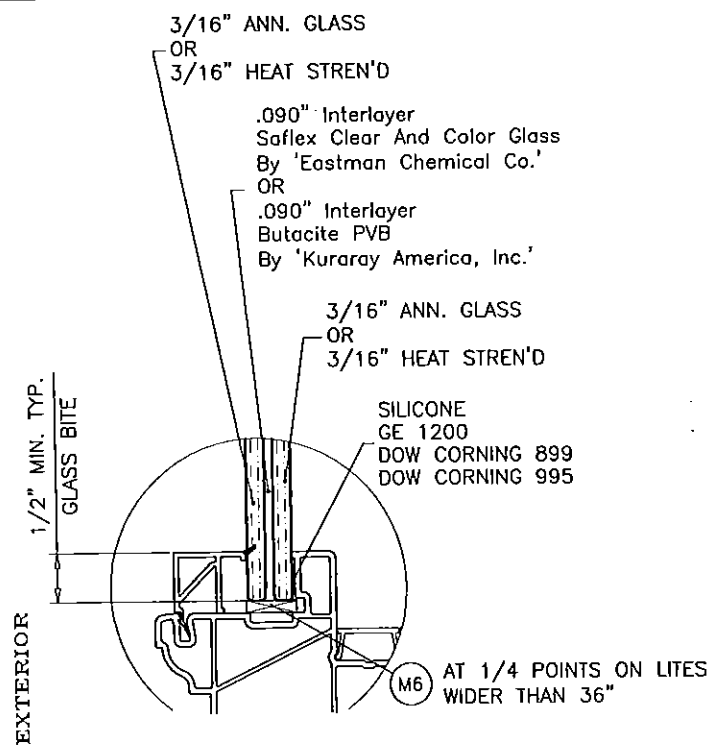
SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX. (305) 593-6592

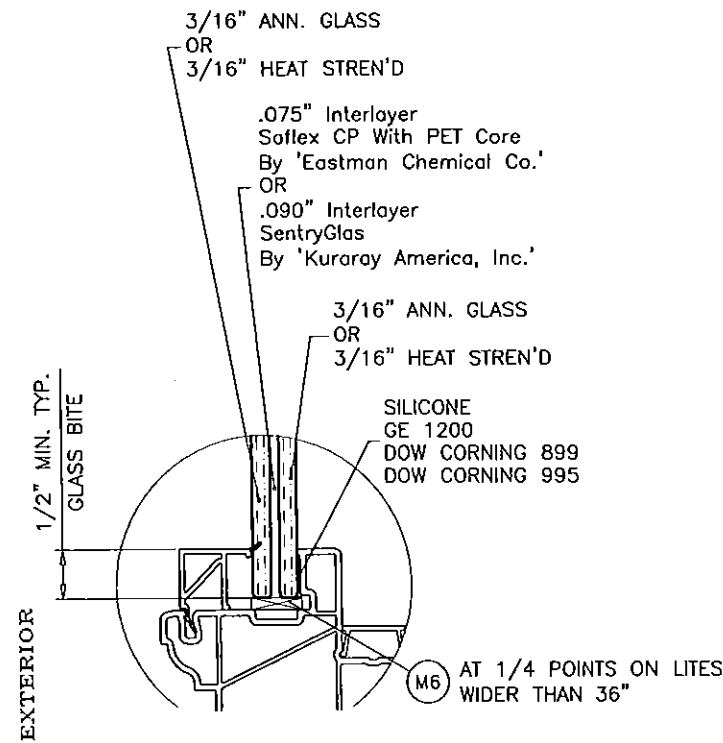
no	date	by	description
B	10.09.14		GENERAL REVISION
C	02.25.15		NO CHANGE THIS SHEET
D	04.03.15		NO CHANGE THIS SHEET

date: 05-10-13
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

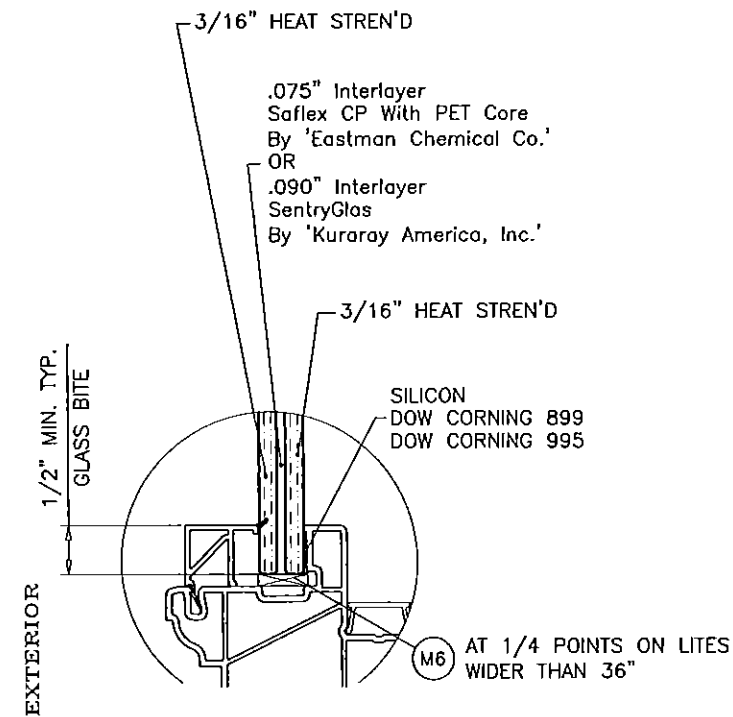
drawing no.
W13-20
sheet 2.1 of 8



GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS

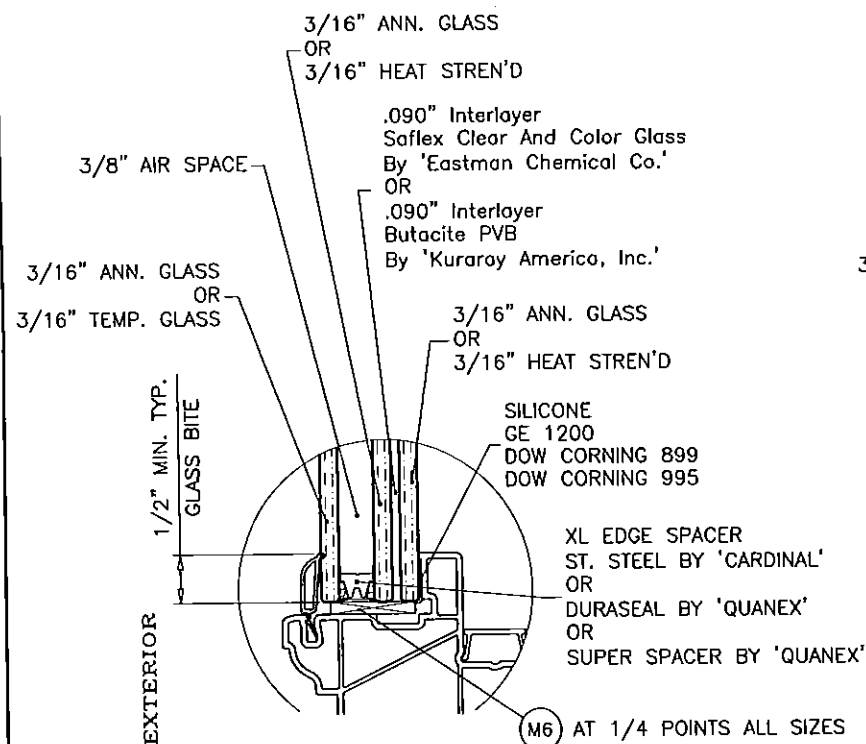


GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS

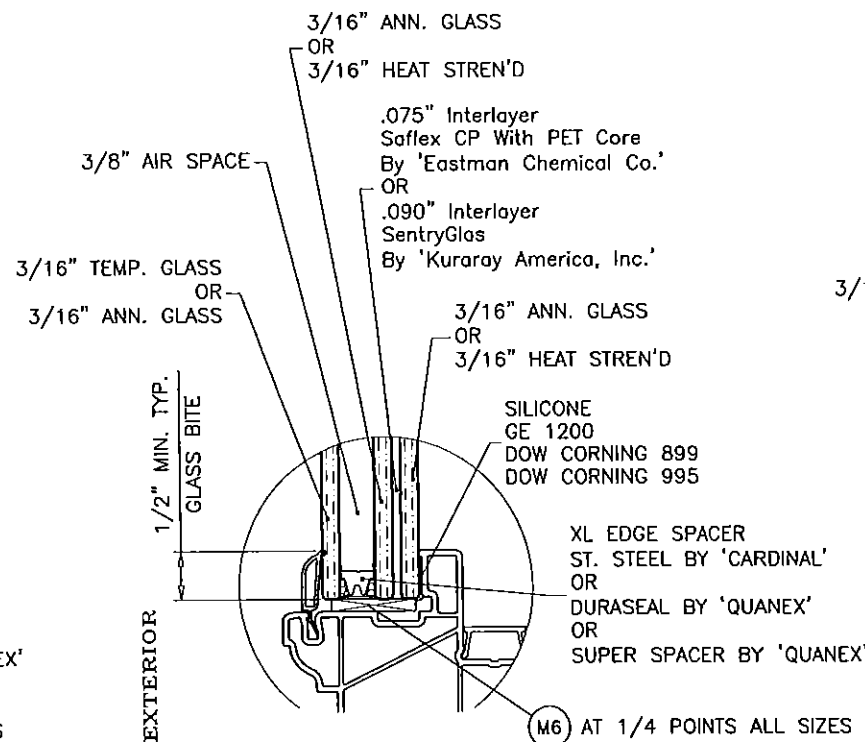


GLASS TYPE 'C'
7/16" OVERALL LAM. GLASS

(L.M.I & S.M.I.)

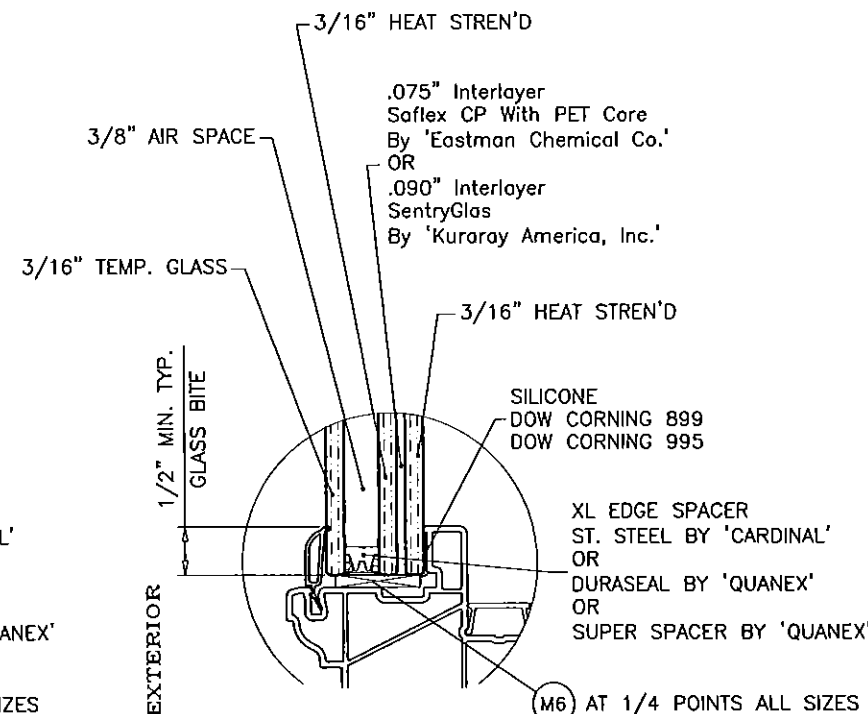


GLASS TYPE 'A1'
1" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'B1'
1" OVERALL INSUL. LAM. GLASS

(L.M.I ONLY)



GLASS TYPE 'C1'
1" OVERALL INSUL. LAM. GLASS

(S.M.I.)

IN ORDER TO QUALIFY FOR SMALL MISSILE IMPACT RATING
EXTERIOR PLY OF GLASS TYPES 'A1' & 'B1' MUST BE TEMPERED.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3638

APR 17 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512-11
Expiration Date Feb 20, 2019
By *Manuel Perez*
Miami/Dade Product Control

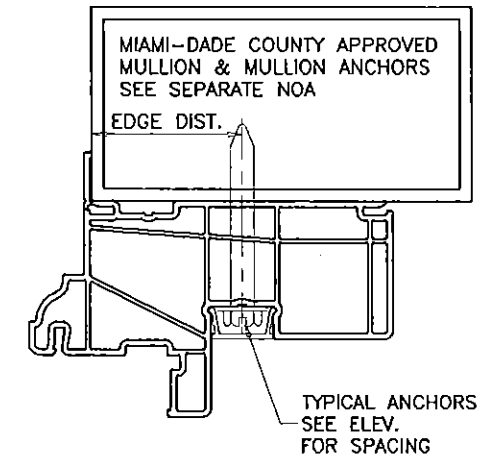
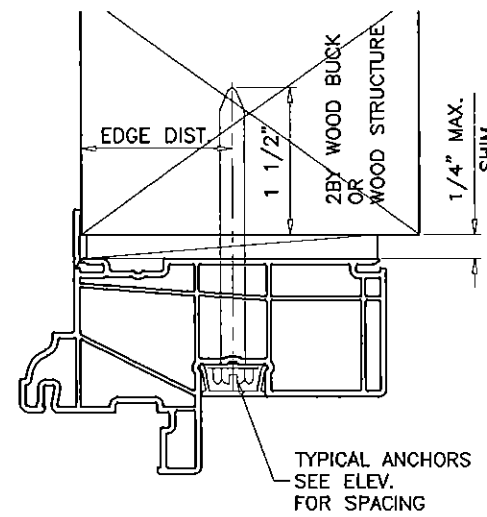
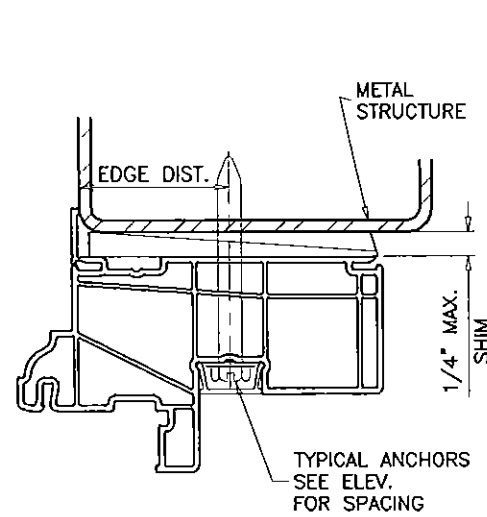
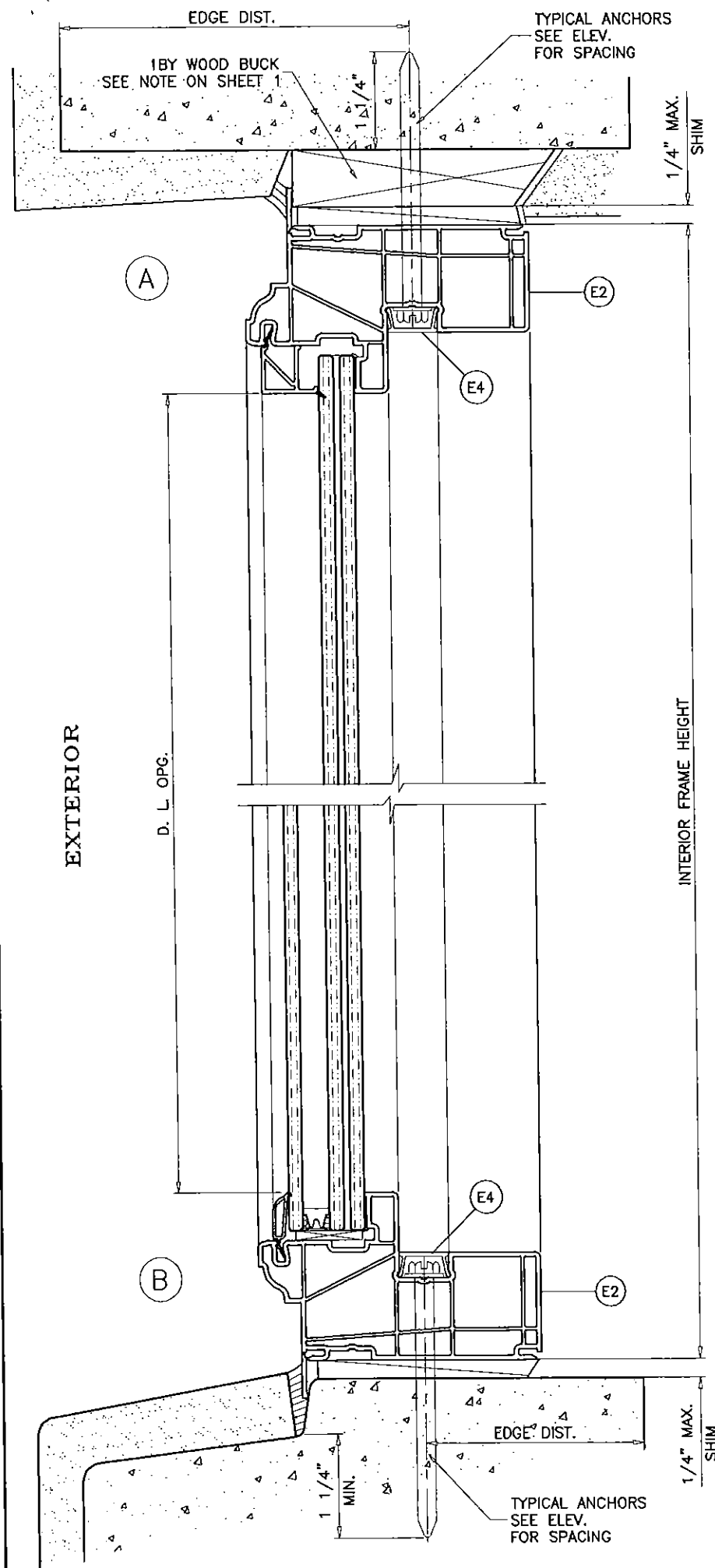
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W13-20CGI

SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

revisions:	no	date	by	description
	A	01.20.14		NO CHANGE THIS SHEET
	B	10.09.14		GENERAL REVISION
	C	02.25.15		NO CHANGE THIS SHEET
	D	04.03.15		INTERLAYER & SPACER REV.

date: 05-10-13	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
----------------	------------------	---------------	----------

drawing no.
W13-20
sheet 3 of 8



WOOD BUCKS AND METAL STRUCTURE NOT BY CGI WDW. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE SEALANT.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

1/4" DIA. AGGRE-GATOR BY 'ELCO' (Fu=95 KSI, Fy=57 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

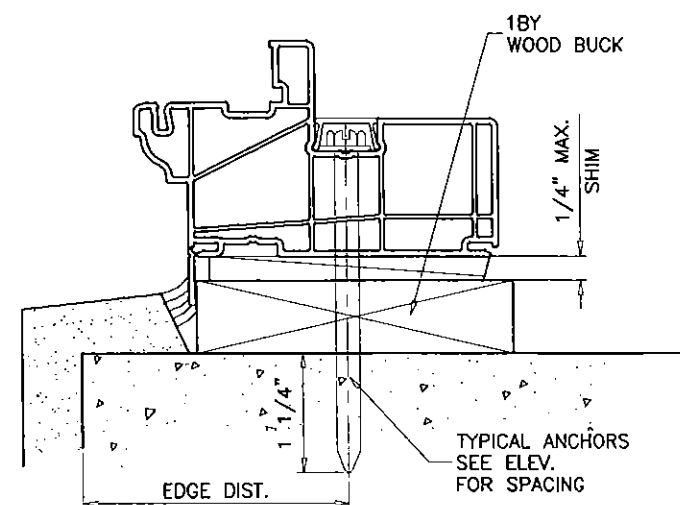
INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



FLANGE FRAMES

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 7538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512.11
Expiration Date Feb 20, 2019
By *Manuel Perez*
Miami Dade Product Control

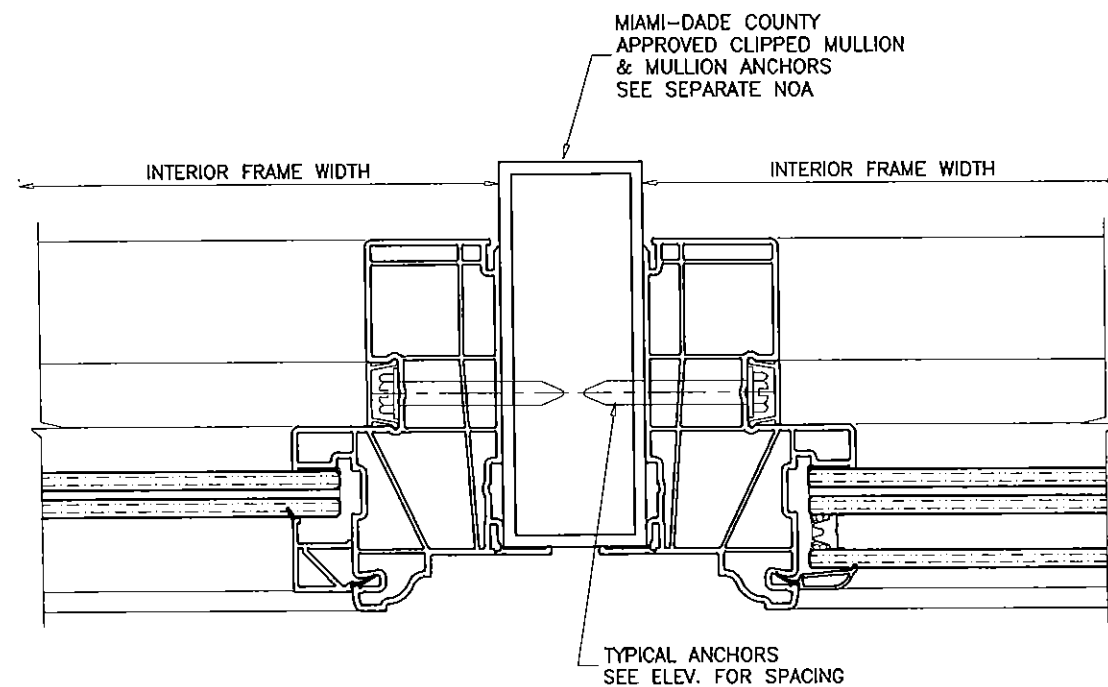
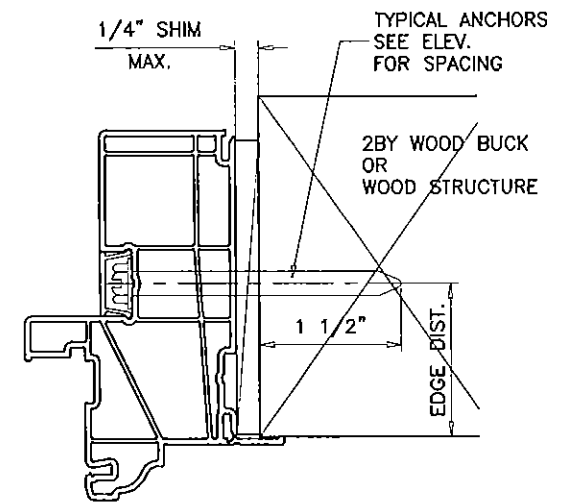
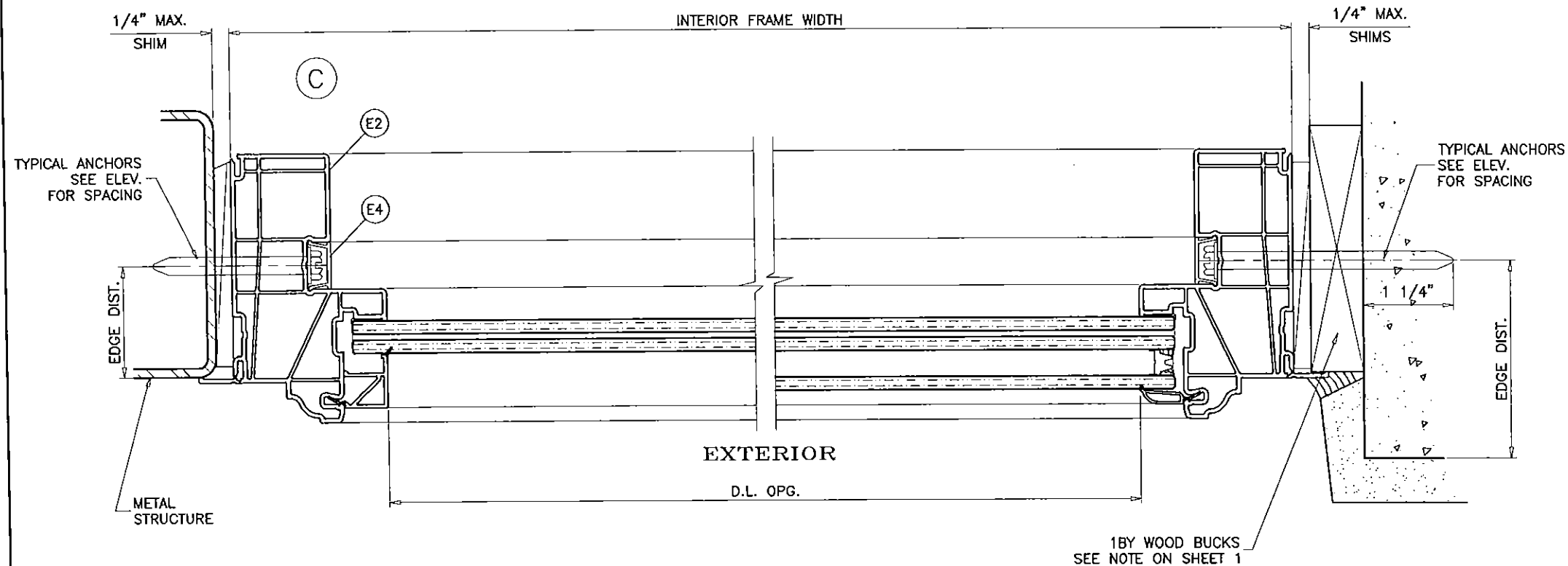
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP -ANL\W13-20CGI

SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

revisions:	no	date	by	description
	A	01.20.14	REV. PER	COMMENTS
	B	10.09.14	GENERAL	REVISION
	C	02.25.15	REV. PER	COMMENTS
	D	04.03.15	NO CHANGE	THIS SHEET

date: 05-10-13
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W13-20
sheet 4 of 8



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

APR 17 2015

FLANGE FRAMES

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512.11
Expiration Date Feb 20, 2019

By *Manuel Perez*
Miami Dade Product Control

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W13-20CGI

SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

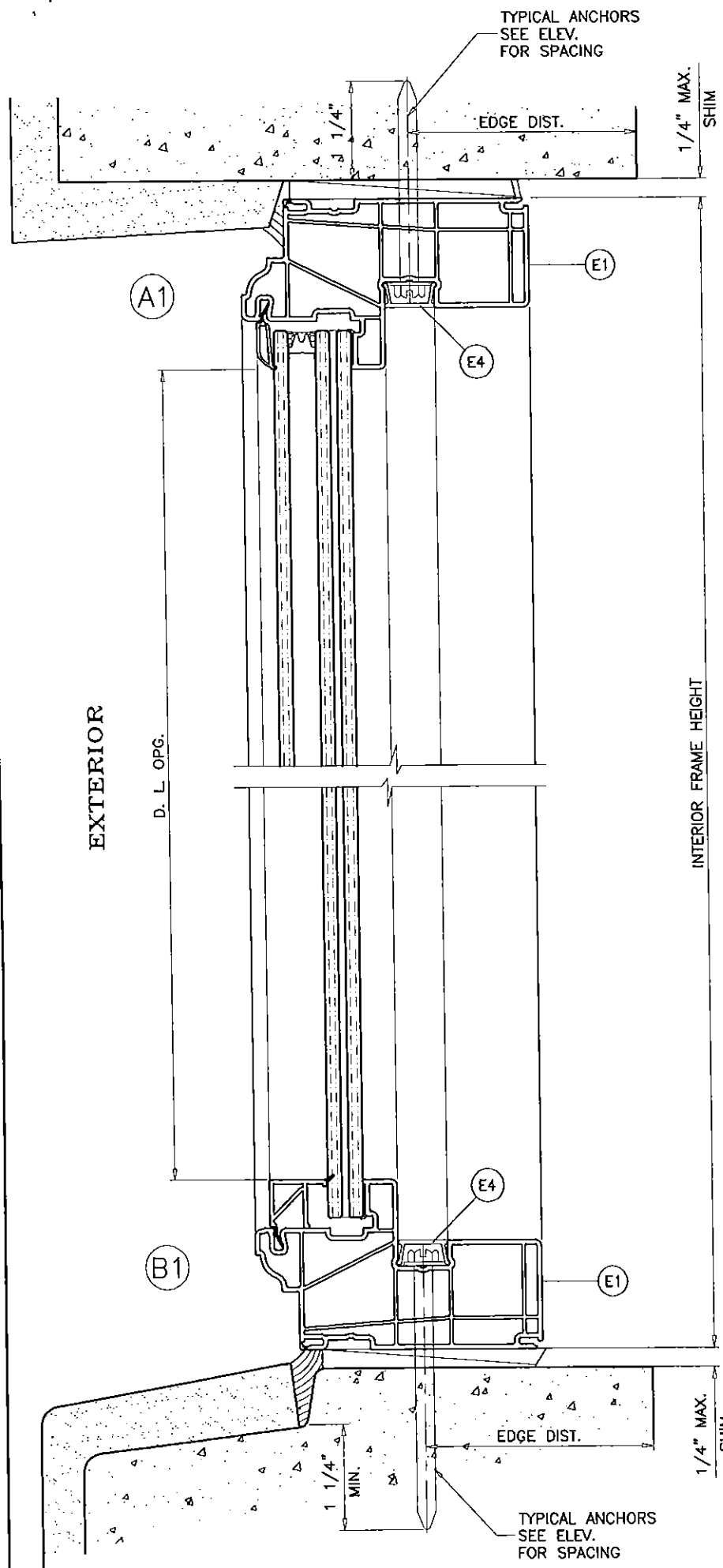
no	date	by	description
A	01.20.14		NO CHANGE THIS SHEET
B	10.09.14		GENERAL REVISION
C	02.25.15		REV. PER RER COMMENTS
D	04.03.15		NO CHANGE THIS SHEET

date: 05-10-13
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

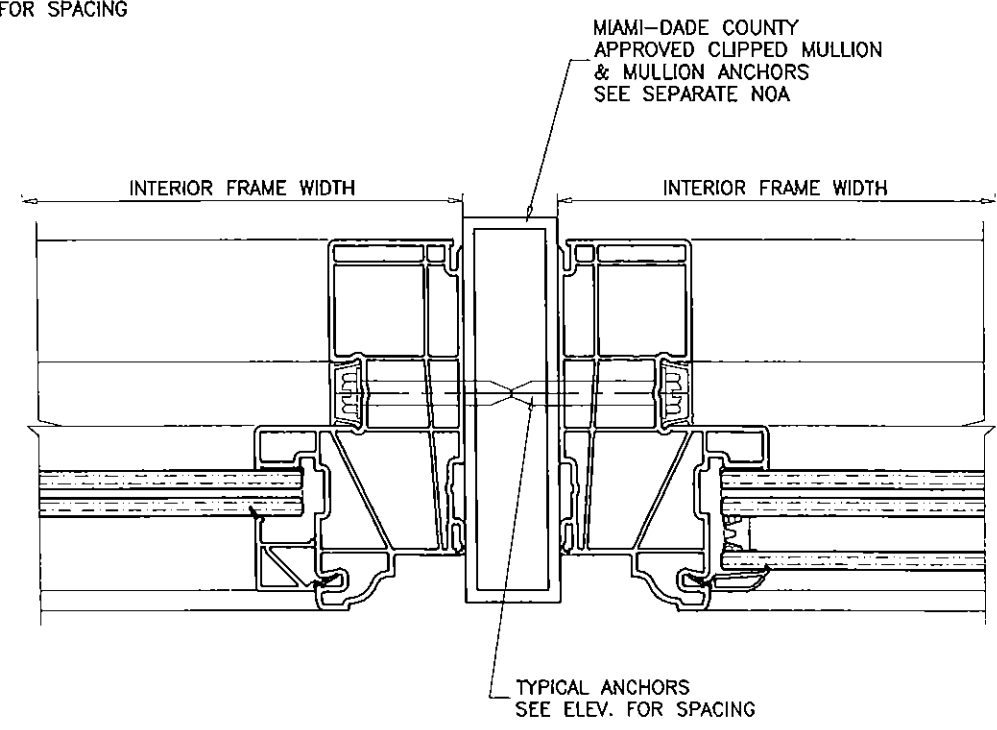
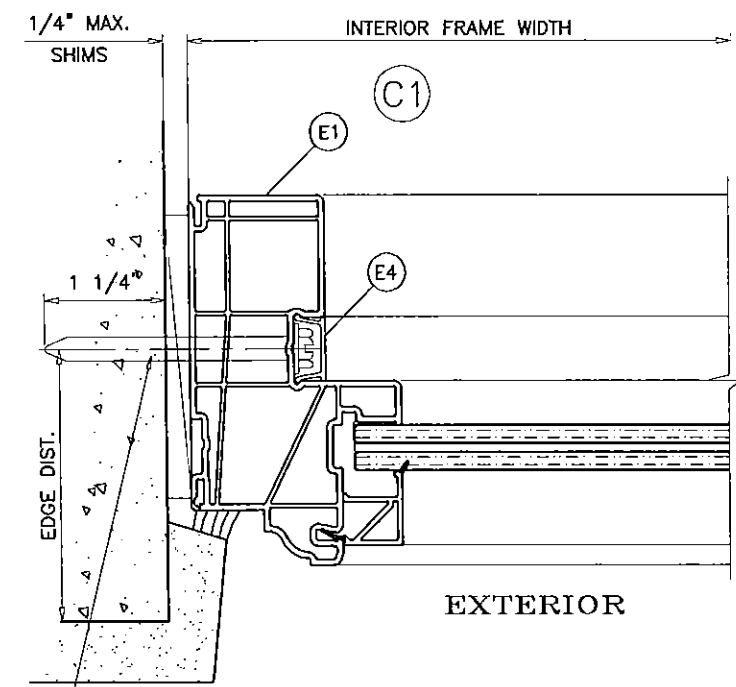
drawing no.

W13-20

sheet 5 of 8



FLANGE AND FLUSH FRAMES CAN BE USED AT ALL ANCHORAGE CONDITIONS.



FLUSH FRAMES

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538

APR 17 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0512.11
Expiration Date Feb 20, 2019
By *Manuel Perez*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W13-20CGI

afC

SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

revisions:

no	date	by	description
A	01.20.14		NO CHANGE THIS SHEET
B	10.09.14		GENERAL REVISION
C	02.25.15		REV. PER PER COMMENTS
D	04.03.15		NO CHANGE THIS SHEET

date: 05-10-13
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

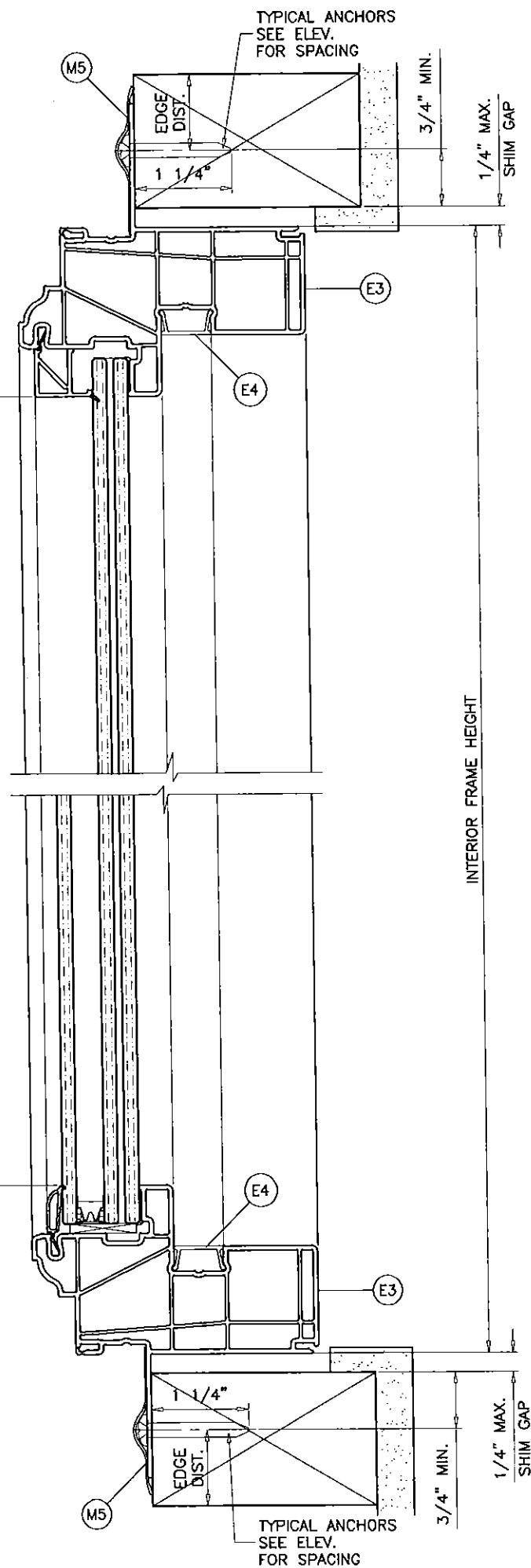
drawing no.
W13-20
sheet 6 of 8

EXTERIOR

A2

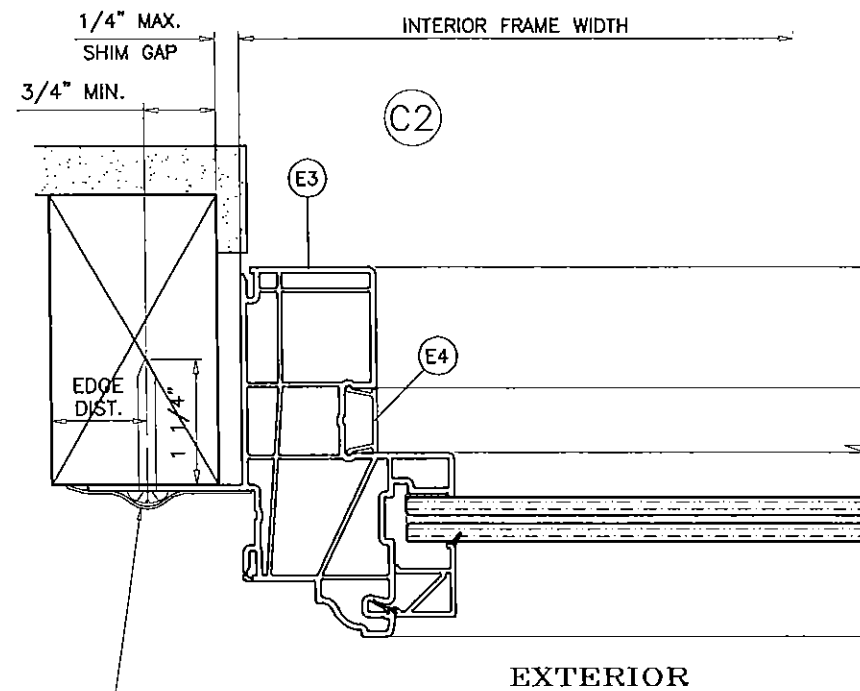
D. L. OPG.

B2



TYPICAL ANCHORS:
FIN FRAMES: SEE ELEV. FOR SPACING

#8 SMS/WOOD SCREWS (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/4" MIN. PENETRATION INTO WOOD
3/4" MIN. EDGE DISTANCE



FIN FRAMES

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. # 3538

APR 17 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0512.11
Expiration Date Feb 20, 2019
By *Yannick Perez*
Miami Dade Product Control

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W13-20CGI

SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

no	date	by	description
A	01.20.14		NO CHANGE THIS SHEET
B	10.09.14		GENERAL REVISION
C	02.25.15		REV. PER PER COMMENTS
D	04.03.15		NO CHANGE THIS SHEET

date: 05-10-13

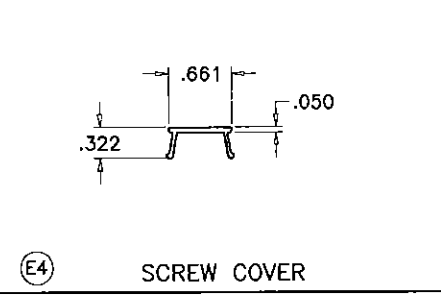
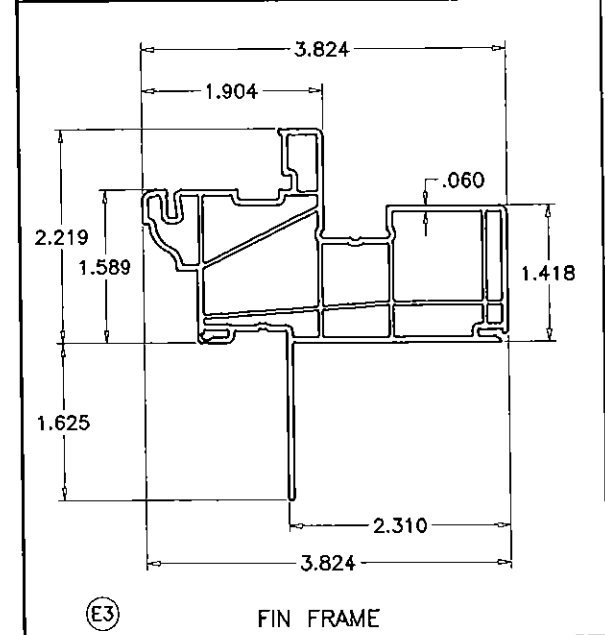
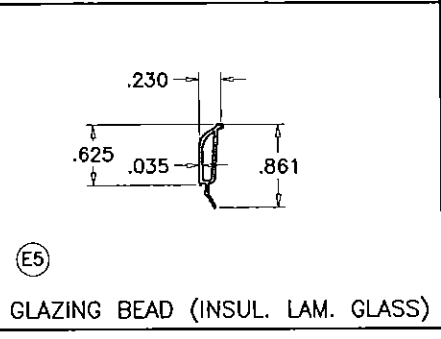
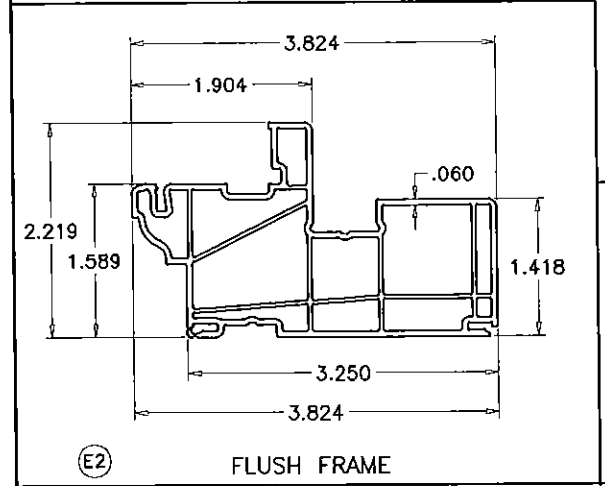
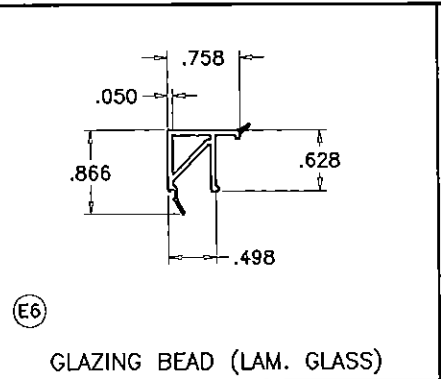
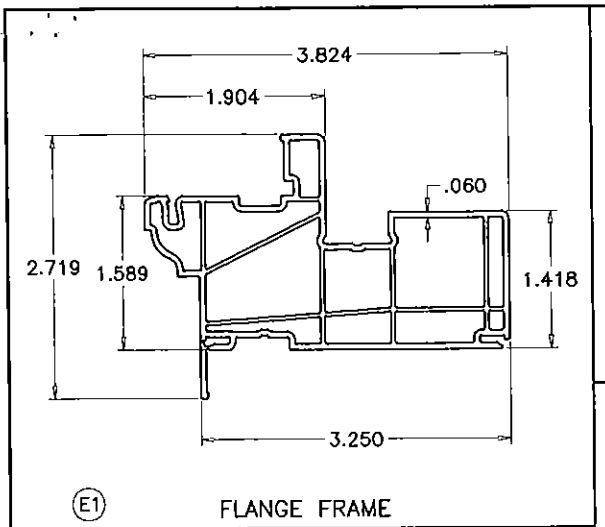
scale: 1/2" = 1"

dr. by: HAMID

chk. by:

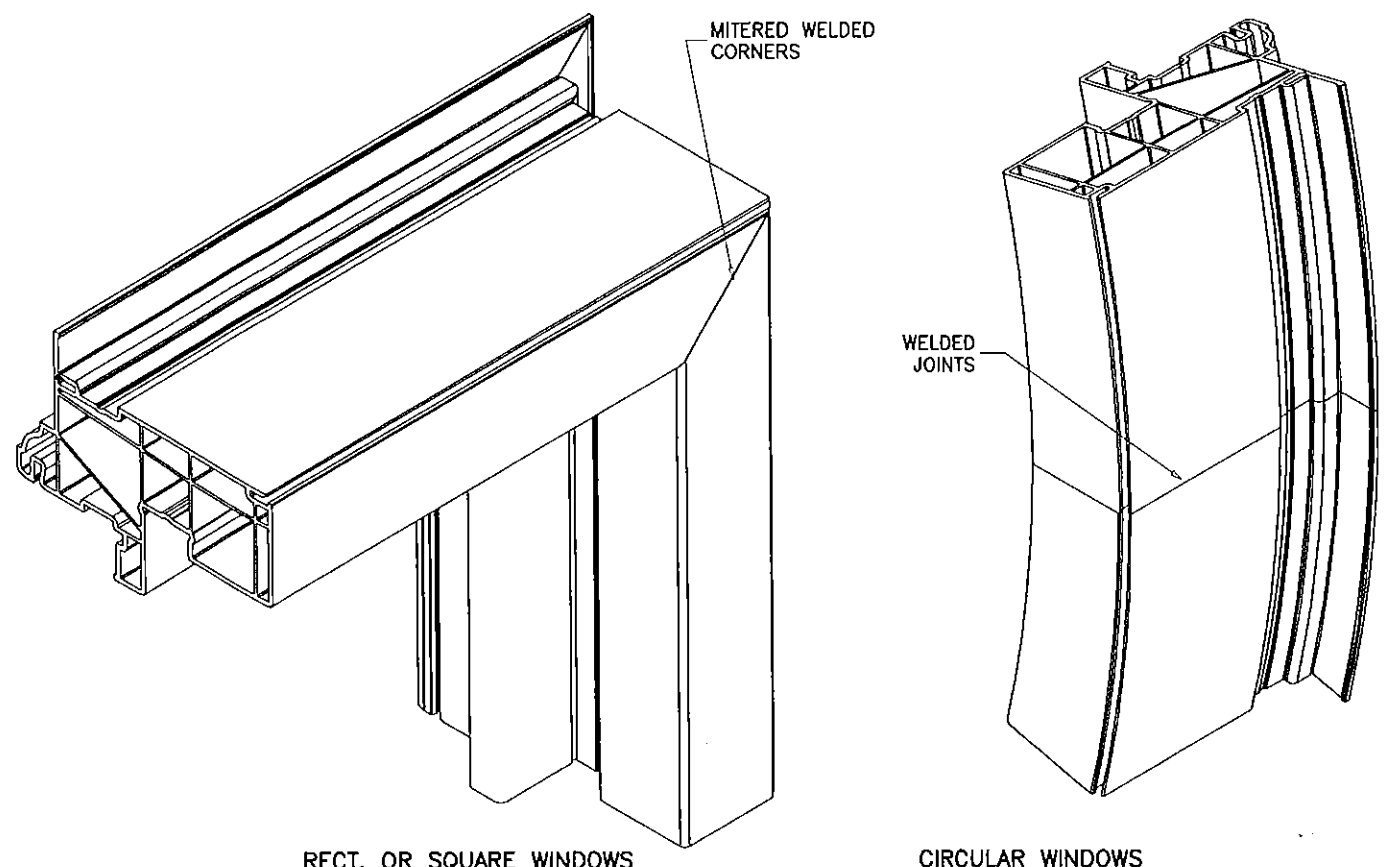
drawing no.
W13-20

sheet 7 of 8



CODE	PART No.	DESCRIPTION	MATERIAL	MANUF.	REMARKS
E1	CGI-1000	EQUAL LEG FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E2	CGI-1013	FLANGE FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E3	CGI-1018	FIN FRAME	PVC	DECEUNINCK NORTH AMERICA LLC.	
E4	CGI-1003	SCREW COVER	PVC	DECEUNINCK NORTH AMERICA LLC.	
E5	CGI-1008	IG GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
E6	CGI-1025	7/16" MONOLITHIC GLAZING BEAD	PVC	DECEUNINCK NORTH AMERICA LLC.	
M1	SCS 1200	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	GENERAL ELECTIC	
M2	DOW 995	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M3	DOW 899	GLAZING SILICONE (1/2" X 3/16" BEAD)	SILICONE	DOW CORNING	
M5		PROTECTO WRAP WATERPROOFING OR EQUIV.			AT FIN FRAME
M6		SETTING BLOCKS	EPDM		DUROMETER 85±5

WHITE PVC EXTRUSIONS TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND 'MDCA'.



RECT. OR SQUARE WINDOWS CIRCULAR WINDOWS

FRAME CORNERS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
APR 17 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0512.11
Expiration Date Feb. 20, 2019
By Manuel Perez
Miami Dade Product Control

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W13-20CGI

SERIES 'TARGA 7500' PVC FIXED WDW. (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

no	date	by	description
A	01.20.14		REV. PER RER COMMENTS
B	10.09.14		GENERAL REVISION
C	02.25.15		NO CHANGE THIS SHEET
D	04.03.15		NO CHANGE THIS SHEET

date: 05-10-13

scale: 1/2" = 1"

dr. by: HAMID

chk. by:

drawing no.
W13-20

sheet 8 of 8